

UTAH PASSENGER ROPEWAY SAFETY COMMITTEE

New or Modified Lift Equipment Data Form

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Area Operator:

Lift Model:

Address:

Lift Description:

Phone:

Owners Designation:

Manufacturer:

GENERAL SPECIFICATIONS

CAPACITY (PRES):	PPH	SPEED:	(FPM / MPS)
CAPACITY (INT):	PPH	OVERHAULING:	
CAPACITY (ULT):	PPH	LINE GUAGE:	FT. IN.
VERTICAL RISE:	FT.	CARRIER SPACING	FT.
HORIZONTAL LENGTH:	FT.	DRIVE LOCATION:	
SLOPE LENGTH:	FT.	TENSION LOCATION:	
LOAD INTERVAL:	SEC.	ROTATION:	
CARRIER No.:		DOWNHILL LOAD:	CARRIERS (OR %)

ROPE SPECIFICATIONS

MAIN HAUL ROPE

HAUL ROPE DIA:		HROPE MFG:	
HAUL ROPE SPECS:		HROPEWGHT:	LBS./FT.
NOMINAL BREAK:	TONS	MAX UPHILL	
CALC SF:		ROPE ANGLE:	

DRIVE EQUIPMENT

DRIVE 'A' (MAIN DRIVE)

MAIN DRIVE (ELEC/GAS/DIESEL):

DRIVE BW DIA:	(FT/M)	GEARBOX MDL:	
DRIVE BW MFG:		GEARBOX RATIO:	
GEARBOX MFG:		MAIN DRV. LINE CONN:	
SECONDARY RED. MFG:		DRV. LINE MFG:	
SECONDARY RED. MDL:		DRV. LINE MDL:	
SECONDARY RED. RATIO:		DRV. LINE RATIO:	

DRIVE 'B' (AUX DRIVE)

DRIVE 'B' (GAS/D/ELEC):		DRIVE 'B' (TC/FC):	
DRIVE 'B' MFG:		DRIVE 'B' LINE CONN:	
DRIVE 'B' MDL:		DRIVE 'B' FUEL TANK:	
DRIVE 'B' HP:		DRV. LINE RATIO:	
DRIVE 'B' (FT/EVAC):			

DRIVE 'C' (TERTIARY DRIVE)

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DRIVE 'C' (GAS/D/ELEC):
DRIVE 'C' MFG:
DRIVE 'C' MDL:
DRIVE 'C' HP:
DRIVE 'C' (FT/EVAC):

DRIVE 'C' (TC/FC):
DRIVE 'C' LINE CONN:
DRIVE 'C' FUEL TANK:
DRV. LINE RATIO:

BRAKING SYSTEMS

SERVICE BRAKE:
DRIVE TRAIN BACKSTOP:
DRIVE SHEAVE BRAKE:
ROLLBACK DEVICE:

OVERSPEED 110%:
OVERSPEED 115%:
BRAKE TEST TORQUE:

DRIVE SYSTEM

DRIVE MFG:
MODEL:
AC OR DC:
YEAR MFG:
CONTROLLER
(SCR/DRUM/SOFT START,
VFD, FULL VOLTAGE):

ELECTRICAL SYSTEM

ELECTRIC MTR MFG:
ELECTRIC MTR MDL:
ELECTRIC MTR RPM:
ELECTRIC MTR HP:
REGEN DRIVE:

CONTROL SYSTEM

CONTROL MFG:
MODEL:
YEAR MFG:
PLC CONTROLLED (Y/N):

ANTICOLLISION MFG:
ANTICOLLISION YR MFG:
DEROPEMENT CIRCUIT #1
(RPD,BRITTLE BAR,WIRE.):
DEROPEMENT CIRCUIT #2
(RPD,BRITTLE BAR,WIRE.):

TOWERS, GRIPS, LINE EQUIPMENT, CARRIERS

TOWERS

NO. OF TOWERS:

LINE EQUIPMENT, CARRIERS

SHEAVE TRAIN MFG:
SHEAVE TRAIN MDL:
SHEAVE LINER:

CARRIERS

CARRIER MFG:
CARRIER MDL:
CARRIER YR MFG:
TOTAL WEIGHT
CARRIER,GRIP,HANGER): LBS.
RESTBAR (Y/N):
FOOTREST (Y/N):

GRIPS

GRIP MFG:
GRIP MDL:
GRIP YR MFG:
GRIP SPRING TYPE:
GRIP SPRING QTY:
GRIP SLIP TEST: LBS.

TENSIONING EQUIPMENT

TOTAL TENSION FORCE: LBS.

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TOP TENSION:	LBS.	BOTTOM TENSION:	LBS.
CWT ROPE MFG:		No. OF CYLINDERS:	
CWT ROPE SPEC:		NOMINAL PRESSURE:	LBS.
CWT ROPE SF:		MAXIMUM PRESSURE:	LBS.
REEVE:		MINIMUM PRESSURE:	LBS.
RATIO:		ROD DIA:	
CWT MATERIAL:		CYLINDER BORE:	